SURGERY

Official Publication

SOCIETY OF UNIVERSITY SURGEONS
SOCIETY FOR VASCULAR SURGERY
CENTRAL SURGICAL ASSOCIATION

International Consultants to the Editorial Board

ARGENTINA
Andrés A. Santas
Buenos Aires

AUSTRALIA
T. S. Reeve
New South Wales

BRAZIL
Fernando Paulino
Rio de Janeiro

CHINA
Hsien-Chiu Tseng
Beijing

COLOMBIA
José Félix Patiño
Bogotá

FRANCE
Jean L. Lortat-Jacob
Paris
Pierre Mallet-Guy
Lyon

ENGLAND
Harold Ellis
London

GERMANY
R. Zenker
Munich

GREECE
Constantin Tountas
Athens

HONG KONG
Guan Bee Ong

INDIA
P. K. Sen
Bombay

IRELAND
William A. L. Mac Gowan
Dublin

JAPAN
Seiji Kimoto
Tokyo

MEXICO
Alfonso Topete
Guadalajara

NEW ZEALAND
Sir Brian Barratt-Boyes
Auckland

SCOTLAND
A. P. M. Forrest
Edinburgh

SOUTH AFRICA
Jan H. Louw
Cape Town

URUGUAY
Eduardo Palma
Montevideo

YUGOSLAVIA
Ivo-Djani Popovic
Belgrade

Volume 91

July-December 1982

THE C. V. MOSBY COMPANY

St. Louis

VOLUME 91

Copyright © 1982 by

The C. V. MOSBY COMPANY

All rights reserved

Printed in the United States of America

Index to volume 91

AUTHOR INDEX*

A

ABBOUD A: *See* Aboul-Enein et al, 425

ABOUL-ENEIN A, BUTT K, ABBOUD A, KOTKATA H: Prolonged skin allograft survival in chronic schistosomiasis, 425

ADDEI KH: *See* Ger, Duboys, Addei, 531

AKIN JR: *See* Bland et al, 452

ALWMARK A: *See* Gullstrand, Alwmark, Schalén, 222

ALYONO D, PERRY JF JR: Significance of repeating diagnostic peritoneal lavage, 656

ANDERSON CB: *See* Melzer et al, 168

ARCHIE JP JR, FELDTMAN RW: Determination of the hemodynamic significance of iliac artery stenosis by noninvasive Doppler ultrasonography, 419

ASHCRAFT E: *See* Byrne et al, 95

ASKANAZI J: *See* Starker et al, 194

AURBACH GD: *See* Brennan et al, 6

AVELLONE JC: *See* Hoffman et al, 597

AXLINE SG: *See* McIntyre et al, 173

AYALON A, DEVITT P, GUZMAN S, SUDDITH RL, RAYFORD PL, THOMPSON JC: Release of antral gastrin in response to an intestinal meal in dogs, 399

B

BALLINGER WF: *See* Zuidema and Ballinger, 1

BAROFSKY I: *See* Sugarbaker et al, 17

BARSAMIAN E: *See* Felix, Barsamian, Silverman, 183

BATICCI F: *See* Bozzetti et al, 383

BAUMANN FG: *See* Riles et al, 258

BAYLESS TM: *See* Broe, Bayless, Cameron, 249

BEAN RJ: *See* Bland et al, 452

BEIERWALTES WH: *See* Kalff, Sisson, Beierwaltes, 374

BELDEN TA: *See* Sharp et al, 61

BELL MJ: *See* Bower et al, 52

BENATAR SR: *See* Terblanche, Benatar, Immelman, 534

BENDICK PJ, GLOVER JL: Detection of subcritical stenoses by Doppler spectrum analysis, 707

—: *See* Glover et al, 560

BENHAMOU J-P: *See* Bernuau, Peignoux, Benhamou, 607

BERGAN JJ: *See* Flinn, Yao, Bergan, 488

—: *See* Flinn et al, 566

BERNARDI M: *See* Mazziotti, Cavallari, Bernardi, 608

BERNATZ PE: *See* Trastek et al, 694

BERNSTEIN EF: *See* Franzeck et al, 156

BERNUAU J, PEIGNOUX M, BENHAMOU J-P: Dehepatization and body temperature in pigs (letter), 607; Reply (Mazziotti, Cavallari, Bernardi), 608

BERRY WR: *See* Lillemoe et al, 293

BEVEN EG: *See* Hoffman et al, 597

BIJNEN AB: *See* Niessen et al, 339

BILLETT A, DAGHER FJ, QUERAL LA: Surgical correction of vasculogenic impotence in a patient after bilateral renal transplantation, 108

BLAND KI, HODGE KM, BEAN RJ, AKIN JR, FRY DE: Effects of systemic hyperthermia on the growth patterns of experimental neoplasms, 452

BLENDIS LM: *See* Makowka et al, 120

BLOCK GE: *See* Schraut and Block, 275

BOEY J, HSU C, WONG J, ONG GB: Fine-needle aspiration versus drill-needle biopsy of thyroid nodules: A controlled clinical trial, 611

BOOTMAN JL: *See* Zaske et al, 142

BOWEN JC: *See* Rees, Payne, Bowen, 81

BOWER, RJ, BELL MJ, TERNBERG JL, COBB ML: Ventilatory support and primary closure of gastroschisis, 52

BOZZETTI F, TERNO G, CAMERINI E, BATICCI F, SCARPA D, PUPA A: Pathogenesis and predictability of central venous catheter sepsis, 383

BRANTIGAN CO, GROW JB SR: Subglottic stenosis after cricothyroidotomy, 217

BRAWLEY RK: *See* Hart et al, 24

BRENNAN MF, DOPPMAN JL, KURDY AG, MARX SJ, SPIEGEL AM, AURBACH GD: Assessment of techniques for preoperative parathyroid gland localization in patients undergoing reoperation for hyperparathyroidism, 6

—: *See* Saxe and Brennan, 616

BREWSTER DC: *See* Corson et al, 448

BROE PJ, BAYLESS TM, CAMERON JL: Crohn's disease: Are enteroenteral fistulas an indication for surgery? 249

—, ZUIDEMA GD, CAMERON JL: The role of ischemia in acute pancreatitis: Studies with an isolated perfused canine pancreas, 377

—: *See* Hadji-Georgopoulos et al, 210

BROWN OW, STANSON AW, PAIROLERO PC, HOLLIER LH: Computerized tomography following abdominal aortic surgery, 716

BUCKWALTER JA: Nonsurgical factors important to the success of surgery for morbid obesity (editorial), 113

BURDICK JF, HELIKSON MA, HUDAK ML, WILLIAMS GM: Revascularization for bilateral renal artery occlusion after umbilical artery catheterization, 650

BURKEL WE: *See* Graham et al, 550

BURNEY RB: *See* Walsh et al, 254

BUSHELL M, O'BRIEN P: Acid-base imbalance and ulceration in the cold restrained rat, 318

BUTT K: *See* Aboul-Enein et al, 425

BYRNE WJ, EULER AR, ASHCRAFT E, NASH DG, SEIBERT JJ, GOLLADAY ES: Gastroesophageal reflux in the severely retarded who vomit: Criteria for and results of surgical intervention in twenty-two patients, 95

C

CADY B: *See* Yaremchuk, Kane, Cady, 482

CALHOUN JG, DAVIS WK, ERLANDSON EE, MAXIM BR: A multisite comparison of student activities in the surgery clerkship, 622

CAMERINI E: *See* Bozzetti et al, 383

CAMERON JL: *See* Broe, Bayless, Cameron, 249

—: *See* Broe, Zuidema, Cameron, 377

—: *See* Hadji-Georgopoulos et al, 210

—: *See* Pennington, Kaufman, Cameron, 642

—: *See* Pitt et al, 518

—: *See* Sarr and Cameron, 123

—: *See* Walsh, Eggleston, Cameron, 485

CAMPBELL DN, COTTON EK, LILLY JR: A dual approach to tracheobronchial foreign bodies in children, 178

CARINI M, SELLI C, RIZZ M, DURVAL A, CONSTANTINI A: Surgical treatment of retroperitoneal fibrosis with omentoplasty, 137

*January, pp 1-122; February, pp 123-248; March, pp 249-366; April, pp 367-488; May, pp 489-608; June, pp 609-742.

CARLSON R: *See* Welch, Rose, Carlson, 75
CATCHPOLE BN, TAYLOR GW: Arterial embolism—A persisting problem (editorial), 245
CAVALLARI A: *See* Mazziotti, Cavallari, Bernardi, 608
CELLO JP, CRASS R, TRUNKEY DD: Endoscopic sclerotherapy versus esophageal transection in Child's class C patients with variceal hemorrhage: Comparison with results of portacaval shunt, 333
CHIU DTW, JANECKA I, KRIZEK TJ, WOLFF M, LOVELACE RE: Autogenous vein graft as a conduit for nerve regeneration, 226
CHRETIEN PA: *See* Sugarbaker and Chretien, 104
CHRISTENSEN O: *See* Søreide et al, 188
CLAGETT GP, ROBINOWITZ M, MADDOX Y, LANGLOSS JM, RAMWELL PW: The antithrombotic nature of vascular prosthetic pseudointima, 87
COBB ML: *See* Bower et al, 52
COGAN MA: *See* Lillemoe et al, 293
COIL JA JR: *See* Scher and Coil, 301
COLACCHIO DA: *See* Colacchio et al, 42
COLACCHIO TA, LOGERFO P, COLACCHIO DA, FEIND C: Radioiodine total body scan versus serum thyroglobulin levels in follow-up of patients with thyroid cancer, 42
COMEROTA AJ, CRANLEY JJ, COOK SE, SIPPLE P: Phleborheography—Results of a ten-year experience, 573
CONSTANTINI A: *See* Carini et al, 137
COOK SE: *See* Comerota et al, 573
CORSON JD, BREWSTER DC, LASALLE AJ, DARLING RC: Comparative analysis of vein and prosthetic bypass grafts to the isolated popliteal artery, 448
COTTON EK: *See* Campbell, Cotton, Lilly, 178
COTTON PB, VALLON AG: Duodenoscopic sphincterotomy for removal of bile duct stones in patients with gallbladders, 628
COUPLAND GAE: *See* Lane and Coupland, 268
CRANLEY JJ: Presidential address: Stroke—A perspective, 537
—: *See* Comerota et al, 573
CRASS R: *See* Cello, Crass, Trunkey, 333
CRONENWETT JL: *See* Wakefield et al, 586
CURRIER CB JR, MONTALBERT C, DHOLAKIA SV, DIAZ MH, HELFRICH GB, SULKIN MD: Procedure for infected femoral shunts (reply), 115

D

DAGHER FJ: *See* Billet, Dagher, Queral, 108
DARDIK H, KAHN M, DARDIK I, SUSSMAN B, IBRAHIM IM: Influence of failed vascular bypass procedures on conversion of below-knee to above-knee amputation levels, 64
DARDIK I: *See* Dardik et al, 64
DARLING RC: *See* Corson et al, 448
DAVIS WK: *See* Calhoun et al, 622
DEBAKEY ME: Edward William Alton Ochsner, Sr., 3
DEPALMA RG: *See* Hoffman et al, 597
DEVITT P: *See* Ayalon et al, 399
DE VRIES JE, SCHATTENKERK ME, MALT RA: Complications of splenic artery aneurysm other than intraperitoneal rupture, 200
DHOLAKIA SV: *See* Currier et al, 115
DIAZ MH: *See* Currier et al, 115
DIEMEL CM: *See* Lamers, Diemel, Jansen, 288
DILLEY RS: *See* Glover et al, 560
DOBRIN PB: Balloon embolectomy catheters is small arteries. II. Comparison of fluid-filled and gas-filled balloons, 671
DOHI K: *See* Marubayashi et al, 631
DONOVAN DL: *See* Hoffman et al, 597
—: *See* Sharp et al, 680
DOPPMAN JL: *See* Brennan et al, 6
DORNER DB, STUBBS DH, SHADUR CA, FLYNN CT: Percutaneous subclavian vein catheter hemodialysis—Impact on vascular access surgery, 712
DOW RW: Myocardial rupture caused by trauma (editorial), 246
DUBOYS E: *See* Ger, Duboys, Addei, 531
DUFF JH: *See* Snelling et al, 474
DUNHAM B: *See* Utsunomiya et al, 322
—: *See* Utsunomiya et al, 402
DUPUY ME: *See* Ernster et al, 263
DURVAL A: *See* Carini et al, 137

E

ECKHAUSER FE: *See* Walsh et al, 254
EGGLESTON FC, HANDA AK, VERGHESE M: Amebic peritonitis secondary to amebic liver abscess, 46
EGGLESTON JC: *See* Walsh, Eggleston, Cameron, 485
ELIAS SM: *See* Taheri et al, 28
ELWYN DH: *See* Starker et al, 194
ERLANDSON EE: *See* Calhoun et al, 622
—: *See* Wakefield et al, 586
ERNSTER VL, MASON L, GOODSON WH III, SICKLES EA, SACKS ST, SELVIN S, DUPUY ME, HAWKINSON J, HUNT TK: Effects of caffeine-free diet on benign breast disease: A randomized trial, 263
ETHEREDGE EE: *See* Melzer et al, 168
EULER AR: *See* Byrne et al, 95
EVANS WE: *See* Glickman et al, 603
EZAKI H: *See* Marubayashi et al, 631

F

FALK JA: *See* Makowka et al, 120
FALK RE: *See* Makowka et al, 120
FEIND C: *See* Colacchio et al, 42
FELDTMAN RW: *See* Archie and Feldtman, 419
FELIX WR JR, BARSAMIAN E, SILVERMAN AB: Long-term follow-up of limbs after use of intra-aortic balloon counterpulsation device, 183
FISHER H: *See* Fitzpatrick and Fisher, 56
—: *See* Fitzpatrick and Fisher, 430
FITZPATRICK DW, FISHER H: Carnosine, histidine, and wound healing, 56
—, FISHER H: Histamine synthesis, imidazole dipeptides, and wound healing, 430
FLINN WR, HARRIS JP, RUDO ND, BERGAN JJ, YAO JST: Results of repetitive distal revascularization, 566
—, YAO JST, BERGAN JJ: Atheroembolism as cause of graft failure (reply), 488
FLYNN CT: *See* Dorner et al, 712
FONKALSRUD EW: *See* Sanada, Fonkalsrud, Kojima, 459
FORD JW: *See* Graham et al, 550
FRANZECK UK, TALKE P, BERNSTEIN EF, GOLBRANSON FL, FRONEK A: Transcutaneous Po_2 measurements in health and peripheral arterial occlusive disease, 156
FRISCH JA: *See* Hoffman et al, 597
FROMM D, KOLIS M: Effects of sodium salicylate and acetylsalicylic acid on intramural pH and ulceration of rabbit antral mucosa, 438
—: *See* Wallace, Fromm, Thomas, 134
FRONEK A: *See* Franzeck et al, 156
FRY DE: *See* Bland et al, 452

G

GADACZ TR: *See* Robinson et al, 305
—: *See* Pitt et al, 518
—: *See* Witlin et al, 205
GAFFEY TA: *See* Martin, van Heerden, Gaffey, 12
GALLAND RB, HEINE KJ, TRACHTENBERG LS, POLK HC JR: Reduction of surgical wound infection rates in contaminated wounds treated with antiseptics combined with systemic antibiotics: An experimental study, 329
GAY W: Blunt trauma to the heart and great vessels, 507
GER R, DUBOYS E, ADDEI KA: The mechanism of T tube dislocation and its prevention, 531
GIANOLA FJ: *See* Sugarbaker et al, 17
GIBBONS GW, MADRAS PN, WHEELOCK FC, SAHYOUN AI, MONACO AP: Aortoiliac reconstruction following renal transplantation, 435
GILLILIAN R: *See* Hart et al, 24
GINGOLD BS, JAGELMAN DG: Value of pelvic suction-irrigation in reducing morbidity of low anterior resection of the rectum—A ten-year experience, 394
GIORDANO JM, KESHISHIAN JM: Aneurysm formation in human umbilical vein grafts, 343
GIRON F: *See* Mason and Giron, 312
GLICKMAN MH, JULIAN CC, KIMMINS S, EVANS WE: Aortic aneurysm: To tube or not to tube, 603
GLOVER JL, BENDICK PJ, DILLEY RS, HOLDEN RW, YUNE HY, RICHMOND BD, KLATTE EC: Efficacy of balloon catheter dilatation for lower extremity atherosclerosis, 560
—: *See* Bendick and Glover, 707
GOLBRANSON FL: *See* Franzeck et al, 156

Goldenberg HS: Supralevator abscess diagnosis and treatment, 164
Goldman M, McCollum CN, Hall CE, Hawker RJ: Radiolabeled leukocytes in prosthetic graft infection (letter), 728
Golladay ES: *See* Byrne et al, 95
Goodson WH III: *See* Ernster et al, 263
Gourley WK: *See* Inoue et al, 467
Graham JW, Lusby RJ: Infrapopliteal bypass grafting: Use of upper limb vein alone and in autogenous composite grafts, 646
Graham LM, Burkel WE, Ford JW, Vinter DW, Kahn RH, Stanley JC: Expanded polytetrafluoroethylene vascular prostheses seeded with enzymatically derived and cultured canine endothelial cells, 550
Grimsgaard C: *See* Søreide et al, 188
Groves AC: *See* Snelling et al, 474
Grow JB Sr: *See* Brantigan and Grow, 217
Gullstrand P, Alwmark A, Schalén C: Effect of steroids on the outcome of penicillin treatment in pneumococcal sepsis in splenectomized rats, 222
Gump FE: *See* Starker et al, 194
Guzman S: *See* Ayalon et al, 399

H

Hadji-Georgopoulos A, Broe P, Mehigan D, Kowarski A, Cameron JL: Endocrine and exocrine function of intrasplenic pancreatic autografts, 210
Hall CE: *See* Goldman et al, 728
Hamberger B: *See* van Heerden et al, 367
Handa AK: *See* Eggleston, Handa, Verghese, 46
Harmon JW: *See* Lillemoe et al, 293
Harris JP: *See* Flinn et al, 566
Hart U, Ward DR, Gillilian R, Brawley RK: Fatal pulmonary hemorrhage complicating Swan-Ganz catheterization, 24
Hauser CJ, Shoemaker WC: Colloid therapy for patients in traumatic shock (letter), 119
Hawker RJ: *See* Goldman et al, 728
Hawkinson J: *See* Ernster et al, 263
Hayashi K: *See* Marubayashi et al, 631
Hechtman HB: *See* Utsunomiya et al, 322
—: *See* Utsunomiya et al, 402
Heine KJ: *See* Galland et al, 329
Helfrich GB: *See* Currier et al, 115
Helikson MA: *See* Burdick et al, 650
Hinchey EJ: *See* Mersereau and Hinchey, 150
Hinshaw JR: *See* Patel et al, 638
Hobson RW II: *See* Yeager et al, 99
Hodge KM: *See* Bland et al, 452
Hodgson WJB, McElhinney AJ: Ultrasonic partial splenectomy, 346
Hoffman M, Avellone JC, Plecha FR, Rhodes RS, Donovan DL, Beven EG, DePalma RG, Frisch JA: Operation for ruptured abdominal aortic aneurysms: A community-wide experience, 597
Holden RW: *See* Glover et al, 560
Hollier LH: *See* Brown et al, 716
—: *See* Trastek et al, 694
Hsu C: *See* Boey et al, 611
Hudak ML: *See* Burdick et al, 650
Hunt TK: *See* Ernster et al, 263
Husni EA, Williams WA: Superficial thrombophlebitis of lower limbs, 70

I

Ibrahim IM: *See* Dardik et al, 64
Immelman EJ: *See* Terblanche, Benatar, Immelman, 534
Imparato AM: *See* Ramirez et al, 390
—: *See* Riles et al, 258
Inoue K, Yazigi R, Watson LC, Gourley WK, Rayford PL, Thompson JC: Increased release of cholecystokinin after pancreatic duct ligation, 467
Isa SS: *See* Robinson et al, 305

J

Jacobson JH II: *See* Oh, Lee, Jacobson, 49
Jagelman DG: *See* Gingold and Jagelman, 394
Jain K: *See* Yeager et al, 99
Jamil Z: *See* Yeager et al, 99
Janecka I: *See* Chiu et al, 226
Jansen JBMJ: *See* Lamers, Diemel, Jansen, 288
Jeekel J: *See* Niessen et al, 339
Johnston MR: *See* Kirkemo and Johnston, 349
Joyce JW: *See* Trastek et al, 694
Juan D: Clinical review: The clinical importance of hypomagnesemia, 510
Julian CC: *See* Glickman et al, 603

K

Kahn M: *See* Dardik et al, 64
Kahn RH: *See* Graham et al, 550
Kalff V, Sisson JC, Beierwaltes WH: Adrenal gland identification: Preoperative assessment, 374
Kane R: *See* Yaremchuk, Kane, Cady, 482
Kaufman S: *See* Pennington, Kaufman, Cameron, 642
Kawasaki T: *See* Marubayashi et al, 631
Keshishian JM: *See* Giordano and Keshishian, 343
Kimmins S: *See* Glickman et al, 603
King PH: *See* Sharp et al, 61
Kinne DW: *See* Lesser, Rosen, Kinne, 234
Kinney JM: *See* Starker et al, 194
Kirkemo A, Johnston MR: Percutaneous subclavian vein placement of the Hickman catheter, 349
Klatte EC: *See* Glover et al, 560
Koivunen D, Nichols WK, Silver D: Vascular trauma in a rural population, 723
Kojima Y: *See* Sanada, Fonkalsrud, Kojima, 459
Kolis M: *See* Fromm and Kolis, 438
Kort WJ: *See* Niessen, Obertop, Kort, 116
Kosloske AM: Endorectal pull-through operation (letter), 248
—: *See* Rosenman and Kosloske, 34
Kotkata H: *See* Aboul-Enein et al, 425
Kowarski A: *See* Hadji-Georgopoulos et al, 210
Kraft RO: *See* Wakefield et al, 586
Krausz MM: *See* Utsunomiya et al, 322
—: *See* Utsunomiya et al, 402
Kridelbaugh WW: *See* Witlin et al, 205
Krizek TJ: *See* Chiu et al, 226
Kurdy AG: *See* Brennan et al, 6

L

Lamberth WC Jr: Tibial and peroneal artery anastomosis, 660
Lamers CBHW, Diemel CM, Jansen JBMJ: Serum pancreatic polypeptide responses to food and secretin in patients with Billroth I and Billroth II gastrectomies and in normal subjects, 288
Lane RJ, Coupland GAE: Ultrasonic indications to explore the common bile duct, 268
Langer B: *See* Makowka et al, 120
Langloss JM: *See* Clagett et al, 87
Larsen KR, Moody FG: Functional difference between ridges and valleys in gastric mucosal rugae (editorial), 243
LaSalle AJ: *See* Corson et al, 448
Lawrie GM: Kidney size and outcome of reconstruction (letter), 118
Lazar L: *See* Taheri et al, 28
Lee BC: *See* Yeager et al, 99
Lee C: *See* Oh, Lee, Jacobson, 49
Lesser ML, Rosen PP, Kinne DW: Multicentricity and bilaterality in invasive breast carcinoma, 234
Levine L: *See* Utsunomiya et al, 402
LiCalzi LK, Stansel HC Jr: The closure index: Prediction of long-term patency of femoropopliteal vein grafts, 413
—, Stansel HC Jr: Failure of autogenous reversed saphenous vein femoropopliteal grafting: Pathophysiology and prevention, 352
Light JA: *See* Spees et al, 282
Lillemoe KD, Berry WR, Harmon JW, Tai YH, Weichbrod RH, Cogen MA: Use of vascularized abdominal wall pedicle flaps to grow small bowel neomucosa, 293
Lillestøl J: *See* Søreide et al, 188
Lilly JR: *See* Campbell, Cotton, Lilly, 178
Lindenauer SM: *See* Wakefield et al, 586
Little AZ, Zarins CK: Abdominal aortic aneurysm and Behçet's disease, 359
LoGerfo P: *See* Colacchio et al, 42
Lord RSA: Trial clamping before division of the left renal vein, 409
Lovelace RE: *See* Chiu et al, 226

LOWE R: *See* Moss and Lowe, 606
LUSBY RJ: *See* Graham and Lusby, 646
LYNCH TG: *See* Yeager et al, 99

M

MADDOX Y: *See* Clagett et al, 87
MADRAS PN: *See* Gibbons et al, 435
MAHNOVSKI V: *See* Mishalany, Mahnovski, Woolley, 38
MAKOWKA L, FALK RE, BLENDIS LM, LANGER B, FALK JA, ROTSTEIN LE, PHILLIPS MJ: Use of liver cytosol fractions in treatment of acute liver failure (letter), 120
MALONE JM: *See* McIntyre et al, 173
MALT RA: *See* de Vries, Schattenkerk, Malt, 200
—: *See* Oscarson et al, 525
MARCHAND P: *See* Taheri et al, 28
MARQUET RL: *See* Niessen et al, 339
MARTIN JK JR, VAN HEERDEN JA, GAFFEY TA: Synchronous and metachronous carcinoma of the breast, 12
MARUBAYASHI S, DOHI K, EZAKI H, HAYASHI K, KAWASAKI T: Preservation of ischemic rat liver mitochondrial functions and of liver viability with CoQ_{10}, 631
MARX SJ: *See* Brennan et al, 6
MASON L: *See* Ernster et al, 263
MASON R, GIRON F: Noninvasive evaluation of venous function in chronic venous disease, 312
MATTOX KL: Abdominal venous injuries, 497
MAXIM BR: *See* Calhoun et al, 622
MAZZIOTTI A, CAVALLARI A, BERNARDI M: Dehepatization and body temperature in pigs (reply), 608
MCCOLLUM CN: *See* Goldman et al, 728
MCDONNELL AE: *See* Ouriel et al, 686
—: *See* Sottiurai et al, 582
MCELHINNEY AJ: *See* Hodgson and McElhinney, 346
MCINTYRE KE JR, MALONE JM, RICHARDS E, AXILINE SG: Mycotic aortic pseudoaneurysm with aortoenteric fistula caused by *Arizona hinshawii*, 173
MEGIBOW AJ: *See* Ramirez et al, 390
MEHIGAN D: *See* Hadji-Georgopoulos et al, 210
MELZER JS, SICARD GA, ETHEREDGE EE, ANDERSON CB: Successful revascularization of early posttransplant renal arterial occlusion, 168
MENTZER SJ, SUGARBAKER PH: Adductor muscle group excision, 662
MERSEREAU WA, HINCHEY EJ: Role of gastric mucosal folds in formation of focal ulcers in the rat, 150
METZ CE: *See* Ouriel et al, 686
MILES RD: *See* Sumner, Russell, Miles, 700
MINTZER R: *See* Riles et al, 258
MISHALANY H, MAHNOVSKI V, WOOLLEY M: Congenital asplenia and anomalies of the gastrointestinal tract, 38
MONACO AP: *See* Gibbons et al, 435
MONTALBERT C: *See* Currier et al, 115
MOODY FG: *See* Larsen and Moody, 243
MOORE JP: *See* Snelling et al, 474
MOSS GS, LOWE R: Colloid therapy for patients in traumatic shock (reply), 606
MOSTELLER RD: *See* Sharp et al, 680
MOSTOFI FK: *See* Spees et al, 282
MYHRE HO: *See* Søreide et al, 188

N

NAIM JO: *See* Patel et al, 638
NASH DG: *See* Byrne et al, 95
NICHOLS WK: *See* Koivunen, Nichols, Silver, 723
NIESSEN GJCM, MARQUET RL, BIJNEN AB, OBERTOP H, JEEKEL J: The effect of cyclosporin A and blood transfusions on cardiac allograft survival in rats, 339
—, OBERTOP H, KORT WJ: Cimetidine and renal allograft survival (letter), 116; Reply (Toledo-Pereyra), 116

O

OAKES DD: *See* Spees et al, 282
OBERTOP H: *See* Niessen, Obertop, Kort, 116
—: *See* Niessen et al, 339
O'BRIEN P: *See* Bushell and O'Brien, 318
OH C, LEE C, JACOBSON JH II: Necrotizing fasciitis of perineum, 49
ONG GB: *See* Boey et al, 611
ORGAN CHL: Samuel Lee Kountz, 609
ORRINGER MB: Scleroderma reflux esophagitis (reply), 606
OSCARSON JEA, VEEN HF, ROSS JS, MALT RA: Dimethylhydrazine-induced colonic neoplasia: Dissociation from endogenous gastrin levels, 525
OURIEL K, MCDONNELL AE, METZ CE, ZARINS CK: A critical evaluation of stress testing in the diagnosis of peripheral vascular disease, 686
OWENS ML: Psoas weakness and femoral neuropathy: Neglected signs of retroperitoneal hemorrhage from ruptured aneurysm, 363

P

PAIROLERO PC: *See* Brown et al, 716
—: *See* Trastek et al, 694
PALESTRANT A: *See* Sacks et al, 241
PATEL J, WILLIAMS JS, NAIM JO, HINSHAW JR: Protection against pneumococcal sepsis in splenectomized rats by implantation of splenic tissue into an omental pouch, 638
PAYNE JG: *See* Rees, Payne, Bowen, 81
PEIGNOUX M: *See* Bernuau, Peignoux, Benhamou, 607
PENNINGTON L, KAUFMAN S, CAMERON JL: Intrahepatic abscess as a complication of long-term percutaneous internal biliary drainage, 642
PERRY JF JR: *See* Alyono and Perry, 656
PERRY MO: Minisymposium: Special problems in vascular trauma. Introduction, 489
PHILLIPS MJ: *See* Makowka et al, 120
PITT HA, POSTIER RG, GADACZ TR, CAMERON JL: The role of topical antibiotics in "high-risk" biliary surgery, 518
PLECHA FR: *See* Hoffman et al, 597
POLK HC JR: *See* Galland et al, 329
POSTIER RG: *See* Pitt et al, 518
POSTON JG: *See* van Heerden et al, 367
PUPA A: *See* Bozzetti et al, 383

Q

QUERAL LA: *See* Billet, Dagher, Queral, 108

R

RAMIREZ AA, RILES TS, IMPARATO AM, MEGIBOW AJ: CAT scans of inflammatory aneurysms: A new technique for preoperative diagnosis, 390
RAMSBURGH SR: *See* Walsh et al, 254
RAMWELL PW: *See* Clagett et al, 87
RAYFORD PL: *See* Ayalon et al, 399
—: *See* Inoue et al, 467
REES M, PAYNE JG, BOWEN JC: Naloxone reverses tissue effects of live *Escherichia coli* sepsis, 81
REMINE WH: *See* van Heerden et al, 367
RHODES RS: *See* Hoffman et al, 597
RICH NM: Principles and indications for primary venous repair, 492
RICHARDS E: *See* McIntyre et al, 173
RICHMOND BD: *See* Glover et al, 560
RILES TS, IMPARATO AM, MINTZER R, BAUMANN FG: Comparison of results of bilateral and unilateral carotid endarterectomy five years after surgery, 258
—: *See* Ramirez et al, 390
RIZZO M: *See* Carini et al, 137
ROBINOWITZ M: *See* Clagett et al, 87
ROBINSON JC, ISA SS, SPEES EK, ROGERS EL, GADACZ TR: Substernal gastric bypass for palliation of esophageal carcinoma: Rationale and technique, 305
ROGERS EL: *See* Robinson et al, 305
ROSE DM: *See* Welch, Rose, Carlson, 75
ROSEN PP: *See* Lesser, Rosen, Kinne, 234
ROSENBERG SA: *See* Sugarbaker et al, 17
ROSENMAN JE, KOSLOSKE AM: A reappraisal of the Mikulicz enterostomy in infants and children, 34
ROSS JS: *See* Oscarson et al, 525
ROTSTEIN LE: *See* Makowka et al, 120
RUDO ND: *See* Flinn et al, 566
RUSSELL JB: *See* Sumner, Russell, Miles, 700

S

SACKS BA, VINE HS, PALESTRANT A, SILEN W: Reestablishment of a percutaneous jejunostomy, 241
SACKS ST: *See* Ernster et al, 263
SADE RM: Caconeologismectomy (letter), 728

SAHYOUN AI: *See* Gibbons et al, 435
SANADA Y, FONKALSRUD EW, KOJIMA Y: Intermittent ileostomy occlusion for fecal storage using balloon catheter, 459
SARR MG, CAMERON JL: Surgical management of unresectable carcinoma of the pancreas, 123
SAXE AW, BRENNAN MF: Reoperative parathyroid surgery for primary hyperparathyroidism caused by multiple-gland disease: Total parathyroidectomy and autotransplantation with cryopreserved tissue, 616
SCARPA D: *See* Bozzetti et al, 383
SCHALÉN C: *See* Gullstrand, Alwmark, Schalén, 222
SCHATTENKERK ME: *See* de Vries, Schattenkerk, Malt, 200
SCHER KS, COIL JA JR: Effects of oxidized cellulose and microfibrillar collagen on infection, 301
SCHRAUT WH, BLOCK GE: Ileoanal anastomosis with proximal ileal reservoir: An experimental study, 275
SEIBERT JJ: *See* Byrne et al, 95
SELLI C: *See* Carini et al, 137
SELVIN S: *See* Ernster et al, 263
SHADUR CA: *See* Dorner et al, 712
SHARP WV, BELDEN TA, KING PH, TEAGUE PC: Suture resistance to infection, 61
—, DONOVAN DL, TEAGUE PC, MOSTELLER RD: Arterial occlusive disease: A function of vessel bifurcation angle, 680
SHEEDY PF II: *See* van Heerden et al, 367
SHEPRO D: *See* Utsunomiya et al, 322
—: *See* Utsunomiya et al, 402
SHEPS SG: *See* van Heerden et al, 367
SHOEMAKER WC: *See* Hauser and Shoemaker, 119
SICARD GA: *See* Melzer et al, 168
SICKLES EA: *See* Ernster et al, 263
SILBER W: Scleroderma reflux esophagitis (letter), 606; Reply (Orringer), 606
SILBERMAN AW: The "bedside" peritoneovenous shunt, 669
SILEN W: *See* Sacks et al, 241
SILVER D: *See* Koivunen, Nichols, Silver, 723
SILVERMAN AB: *See* Felix, Barsamian, Silverman, 183
SIPPLE P: *See* Comerota et al, 573
SISSON JC: *See* Kalff, Sisson, Beierwaltes, 374
SMITH EJ: *See* Spees et al, 282
SNELLING CFT, WOOLF LI, GROVES AC, MOORE JP, DUFF JH: Amino acid metabolism in patients with severe burns, 474
SNYDER WH III: Vascular injuries near the knee: An updated series and overview of the problem, 502
SOLEM LB: *See* Zaske et al, 142
SOLHEIM K: *See* Søreide et al, 188
SØREIDE O, LILLESTØL J, CHRISTENSEN O, GRIMSGAARD C, MYHRE HO, SOLHEIM K, TRIPPESTAD A: Abdominal aortic aneurysms: Survival analysis of four hundred thirty-four patients, 188
SOTTIURAI VS, TOWNER K, MCDONNELL AE, ZARINS CK: Diagnosis of upper extremity deep venous thrombosis using noninvasive technique, 582
SPEES EK, LIGHT JA, SMITH EJ, MOSTOFI FK, OAKES DD: Transplantation in patients with a history of renal cell carcinoma: Long-term results and clinical considerations, 282
—: *See* Robinson et al, 305
SPIEGEL AM: *See* Brennan et al, 6
STANLEY JC: *See* Graham et al, 550
—: *See* Wakefield et al, 586
STANSEL HC JR: *See* LiCalzi and Stansel, 352
—: *See* LiCalzi and Stansel, 413
STANSON AW: *See* Brown et al, 716
STARKER PM, GUMP FE, ASKANAZI J, ELWYN DH, KINNEY JM: Serum albumin levels as an index of nutritional support, 194
STRATE RG: *See* Zaske et al, 142
STUBBS DH: *See* Dorner et al, 712
SUDDITH RL: *See* Ayalon et al, 399
SUGARBAKER PH, BAROFSKY I, ROSENBERG SA, GIANOLA FJ: Quality of life assessment of patients in extremity sarcoma clinical trials, 17
—, CHRETIEN PA: A surgical technique for buttockectomy, 104
—: *See* Mentzer and Sugarbaker, 662
SULKIN MD: *See* Currier et al, 115
SUMNER DS, RUSSELL JB, MILES RD: Are noninvasive tests sufficiently accurate to identify patients in need of carotid arteriography? 700
SUSSMAN B: *See* Dardik et al, 64

T

TAHERI SA, LAZAR L, ELIAS SM, MARCHAND P: Vein valve transplant, 28
TAI YH: *See* Lillemoe et al, 293
TALKE P: *See* Franzeck et al, 156
TAYLOR GW: *See* Catchpole and Taylor, 245
TEAGUE PC: *See* Sharp et al, 61
—: *See* Sharp et al, 680
TERBLANCHE J, BENATAR SR, IMMELMAN EJ: Prophylaxis against fatal postoperative pulmonary embolism (editorial), 534
TERNBERG JL: *See* Bower et al, 52
TERNO G: *See* Bozzetti et al, 383
THOMAS D: *See* Wallace, Fromm, Thomas, 134
THOMAS GI: Procedure for infected femoral shunts (letter), 115; Reply (Currier et al), 115
THOMPSON JC: *See* Ayalon et al, 399
—: *See* Inoue et al, 467
TOLDEO-PEREYRA LH: Cimetidine and renal allograft survival (reply), 116
TOWNER K: *See* Sottiurai et al, 582
TRACHTENBERG LS: *See* Galland et al, 329
TRASTEK VF, PAIROLERO PC, JOYCE JW, HOLLIER LH, BERNATZ PE: Splenic artery aneurysms, 694
TRIPPESTAD A: *See* Søreide et al, 188
TRUNKEY DD: *See* Cello, Crass, Trunkey, 333

U

UTSUNOMIYA T, KRAUSZ MM, DUNHAM B, LEVINE L, SHEPRO D, HECHTMAN HB: Circulating negative inotropic agent(s) following pulmonary embolism, 402
—, KRAUSZ MM, DUNHAM B, SHEPRO D, HECHTMAN HB: Depression of myocardial ATPase activity by plasma obtained during positive end-expiratory pressure, 322

V

VALLON AG: *See* Cotton and Vallon, 628
VAN HEERDEN JA, SHEPS SG, HAMBERGER B, SHEEDY PF II, POSTON JG, REMINE WH: Pheochromocytoma: Current status and changing trends, 367
—: *See* Martin, van Heerden, Gaffey, 12
VEEN HF: *See* Oscarson et al, 525
VERGHESE M: *See* Eggleston, Handa, Verghese, 46
VINE HS: *See* Sacks et al, 241
VINTER DW: *See* Graham et al, 550

W

WAKEFIELD TW, WHITEHOUSE WM Jr, WU S-C, ZELENOCK GB, CRONENWETT JL, ERLANDSON EE, KRAFT RO, LINDENAUER SM, STANLEY JC: Abdominal aortic aneurysm rupture: Statistical analysis of factors affecting outcome of surgical treatment, 586
WALLACE D, FROMM D, THOMAS D: Accessory splenectomy for idiopathic thrombocytopenic purpura, 134
WALSH DB, ECHKAUSER FE, RAMSBURGH SR, BURNEY RB: Risk associated with diabetes mellitus in patients undergoing gallbladder surgery, 254
WALSH TJ, EGGLESTON JC, CAMERON JL: Portal hypertension, hepatic infarction, and liver failure complicating pancreatic islet autotransplantation, 485
WARD DR: *See* Hart et al, 24
WATSON LC: *See* Inoue et al, 467
WEICHBROD RH: *See* Lillemoe et al, 293
WELCH WD, ROSE DM, CARLSON R: Reduced hemoglobin as an inhibitor of human polymorphonuclear leukocyte bacterial killing, 75
WHEELOCK FC: *See* Gibbons et al, 435
WHITEHOUSE WM Jr: *See* Wakefield et al, 586
WILDE WL: Atheroembolism as cause of graft failure (letter), 488; Reply (Flinn, Yao, Bergan), 488
WILLIAMS GM: *See* Burdick et al, 650
WILLIAMS JS: *See* Patel et al, 638
WILLIAMS WA: *See* Husni and Williams, 70
WITLIN LT, GADACZ TR, ZUIDEMA GD, KRIDELBAUGH WW: Transhepatic decompression of the biliary tree in Caroli's disease, 205
WOLFF M: *See* Chiu et al, 226
WONG J: *See* Boey et al, 611
WOOLF LI: *See* Snelling et al, 474

WOOLLEY M: *See* Mishalany, Mahnovski, Woolley, 38
WU S-C: *See* Wakefield et al, 586

Y

YAO JST: *See* Flinn, Yao, Bergan, 488
—: *See* Flinn et al, 566
YAREMCHUK MJ, KANE R, CADY B: Ultrasound-guided catheter localization of intrahepatic abscesses—An aid in open surgical drainage, 482
YAZIGI R: *See* Inoue et al, 467
YEAGER RA, HOBSON RW II, JAMIL Z, LYNCH TG, LEE BC, JAIN K: Differential patency and limb salvage for polytetrafluoroethylene and autogenous saphenous vein in severe lower extremity ischemia, 99
YUNE HY: *See* Glover et al, 560

Z

ZARINS CK: *See* Little and Zarins, 359
—: *See* Ouriel et al, 686
—: *See* Sottiurai et al, 582
ZASKE DE, BOOTMAN JL, SOLEM LB, STRATE RG: Increased burn patient survival with individualized dosages of gentamicin, 142
ZELENOCK GB: *See* Wakefield et al, 586
ZUIDEMA GD, BALLINGER WF: Alton Ochsner, 1
—: *See* Broe, Zuidema, Cameron, 377
—: *See* Witlin et al, 205

SUBJECT INDEX*

A

Abdominal aortic aneurysm(s) and Behçet's disease (Little and Zarins), 359
  rupture: Statistical analysis of factors affecting outcome of surgical treatment (Wakefield et al), 586
  ruptured, operation for: Community-wide experience (Hoffman et al), 597
  survival analysis of four hundred thirty-four patients (Søreide et al), 188
aortic surgery, computerized tomography following (Brown et al), 716
venous injuries (Mattox), 497
wall pedicle flaps, vascularized, use of, to grow small bowel neomucosa (Lillemoe et al), 293
Abscess(es), intrahepatic, as complication of long-term percutaneous internal biliary drainage (Pennington, Kaufman, Cameron), 642
intrahepatic, ultrasound-guided catheter localization of—Aid in open surgical drainage (Yaremchuk, Kane, Cady), 482
supralevator, diagnosis and treatment (Goldenberg), 164
Acetylsalicylic acid and sodium salicylate, effects of, on intramural pH and ulceration of rabbit antral mucosa (Fromm and Kolis), 438
Acid-base imbalance and ulceration in cold restrained rat (Bushell and O'Brien), 318
Adductor muscle group excision (Mentzer and Sugarbaker), 662
Adrenal gland identification: Preoperative assessment (Kalff, Sisson, Beierwaltes), 374
Albumin levels, serum, as index of nutritional support (Starker et al), 194
Allograft, skin, prolonged survival in chronic schistosomiasis (Aboul-Enein et al), 425
survival in rats, cardiac, effect of cyclosporin A and blood transfusions on (Niessen et al), 339
survival, renal, and cimetidine (letter) (Niessen, Obertop, Kort), 116; Reply (Toledo-Pereyra), 116
Amino acid metabolism in patients with severe burns (Snelling et al), 474
Amputation levels, influence of failed vascular bypass procedures on conversion of below-knee to above-knee (Dardik et al), 64
Anastomosis, ileoanal, with proximal ileal reservoir: Experimental study (Schraut and Block), 275
tibial and peroneal artery (Lamberth),
Aneurysm(s), abdominal aortic, and B[illegible]s disease (Little and Zarins), 359
abdominal aortic: Survival analysis of four hundred thirty-four patients (Søreide et al), 188
aortic: To tube or not to tube (Glickman et al), 603
formation in human umbilical vein grafts (Giordano and Keshishian), 343
inflammatory, CAT scans of: New technique for preoperative diagnosis (Ramirez et al), 390
rupture, abdominal aortic: Statistical analysis of factors affecting outcome of surgical treatment (Wakefield et al), 586
operation for: Community-wide experience (Hoffman et al), 597
ruptured, neglected signs of retroperitoneal hemorrhage from: Psoas weakness and femoral neuropathy (Owens), 363
splenic artery (Trastek et al), 694
complications of, other than intraperitoneal rupture (de Vries, Schattenkerk, Malt), 200
Anomalies of gastrointestinal tract, congenital asplenia and (Mishalany, Mahnovski, Woolley), 38
Antibiotics, systemic, combined with antiseptics, reduction of surgical wound infection rates in contaminated wounds treated with: Experimental study (Galland et al), 329
topical, role of, in "high-risk" biliary surgery (Pitt et al), 518
Antiseptics combined with systemic antibiotics, reduction of surgical wound infection rates in contaminated wounds treated with: Experimental study (Galland et al), 329
Antithrombotic nature of vascular prosthetic pseudointima (Clagett et al), 87
Antral gastrin, release of, in response to intestinal meal in dogs (Ayalon et al), 399
Aortic aneurysm(s), abdominal, and Behçet's disease (Little and Zarins), 359
abdominal: Survival analysis of four hundred thirty-four patients (Søreide et al), 188
rupture, abdominal: Statistical analysis of factors affecting outcome of surgical treatment (Wakefield et al), 586
ruptured abdominal, operation for: Community-wide experience (Hoffman et al), 597
to tube or not to tube (Glickman et al), 603
pseudoaneurysm, mycotic, with aortoenteric fistula caused by *Arizona hinshawii* (McIntyre et al), 173
surgery, abdominal, computerized tomography following (Brown et al), 716
Aortoenteric fistula, mycotic aortic pseudoaneurysm with, caused by *Arizona hinshawii* (McIntyre et al), 173
Aortoiliac reconstruction following renal transplantation (Gibbons et al), 435
Arizona hinshawii, mycotic aortic pseudoaneurysm with aortoenteric fistula caused by (McIntyre et al), 173
Arterial embolism—Persisting problem (editorial) (Catchpole and Taylor), 245
occlusive disease: Function of vessel bifurcation angle (Sharp et al), 680
peripheral, and health, transcutaneous Po_2 measurement in (Franzeck et al), 156
Arteriography, carotid, are noninvasive tests sufficiently accurate to identify patients in need of? (Sumner, Russell, Miles), 700
Artery, isolated popliteal, comparative analysis of vein and prosthetic bypass grafts to (Corson et al), 448
Aspiration, fine-needle, versus drill-needle biopsy of thyroid nodules: Controlled clinical trial (Boey et al), 611
Asplenia, congenital, and anomalies of gastrointestinal tract (Mishalany, Mahnovski, Woolley), 38
Atheroembolism as cause of graft failure (letter) (Wilde), 488; Reply (Flinn, Yao, Bergan), 488
Atherosclerosis, lower extremity, efficacy of balloon catheter dilatation for (Glover et al), 560
ATPase activity, myocardial, depression of, by plasma obtained during positive end-expiratory pressure (Utsunomiya et al), 322
Autogenous saphenous vein and polytetrafluoroethylene, differential patency and limb salvage for, in severe lower extremity ischemia (Yeager et al), 99
Autografts, intrasplenic pancreatic, endocrine and exocrine function of (Hadji-Georgopoulos et al), 210
Autotransplantation with cryopreserved tissue, total parathyroidectomy and: Reoperative parathyroid surgery for primary hyperparathyroidism caused by multiple-gland disease (Saxe and Brennan), 616

B

Bacterial killing, human polymorphonuclear leukocyte, reduced hemoglobin as inhibitor of (Welch, Rose, Carlson), 75
Balloon catheter, intermittent ileostomy occlusion for fecal storage using (Sanada, Fonkalsrud, Kojima), 459
dilatation, efficacy of, for lower extremity atherosclerosis (Glover et al), 560
counterpulsation device, intra-aortic, long-term follow-up of limbs after use of (Felix, Barsamian, Silverman), 183
embolectomy catheters in small arteries. II. Comparison of fluid-filled and gas-filled balloons (Dobrin), 671
"Bedside" peritoneovenous shunt (Silberman), 669
Behçet's disease and abdominal aortic aneurysm (Little and Zarins), 359

*January, pp 1-122; February, pp 123-248; March, pp 249-366; April, pp 367-488; May, pp 489-608; June, pp 609-742.

Bifurcation angle, vessel, function of: Arterial occlusive disease (Sharp et al), 680
Bile duct, common, ultrasonic indications to explore (Lane and Coupland), 268
stones, duodenoscopic sphincterotomy for removal of, in patients with gallbladders (Cotton and Vallon), 628
Biliary drainage, long-term percutaneous internal, intrahepatic abscess as complication of (Pennington, Kaufman, Cameron), 642
surgery, "high-risk," role of topical antibiotics in (Pitt et al), 518
tree, transhepatic decompression of, in Caroli's disease (Witlin et al), 205
Billroth I and Billroth II gastrectomies, patients with, serum pancreatic polypeptide responses to food and secretin in, and in normal subjects (Lamers, Diemel, Jansen), 288
Biopsy, drill-needle, versus fine-needle aspiration of thyroid nodules: Controlled clinical trial (Boey et al), 611
Bowel neomucosa, small, use of vascularized abdominal wall pedicle flaps to grow (Lillemoe et al), 293
Breast carcinoma, invasive, multicentricity and bilaterality in (Lesser, Rosen, Kinne), 234
disease, benign, effects of caffeine-free diet on: Randomized trial (Ernster et al), 263
synchronous and metachronous carcinoma of (Martin, van Heerden, Gaffey), 12
unresectable carcinoma of, surgical management of (Sarr and Cameron), 123
Burn(s) patient survival, increased, with individualized dosages of gentamicin (Zaske et al), 142
severe, amino acid metabolism in patients with (Snelling et al), 474
Buttockectomy, surgical technique for (Sugarbaker and Chretien), 104
Bypass grafting, infrapopliteal: Use of upper limb vein alone and in autogenous composite grafts (Graham and Lusby), 646
grafts, vein and prosthetic, to isolated popliteal artery, comparative analysis of (Corson et al), 448
procedures, failed vascular, influence of, on conversion of below-knee to above-knee amputation levels (Dardik et al), 64
substernal gastric, for palliation of esophageal carcinoma: Rationale and technique (Robinson et al), 305

C

Caconeologismectomy (letter) (Sade), 728
Caffeine-free diet, effects of, on benign breast disease: Randomized trial (Ernster et al), 263
Cancer, thyroid, radioiodine total body scan versus serum thyroglobulin levels in follow-up of patients with (Colacchio et al), 42
Carcinoma of breast, synchronous and metachronous (Martin, van Heerden, Gaffey), 12
esophageal, substernal gastric bypass for palliation of: Rationale and technique (Robinson et al), 305
invasive breast, multicentricity and bilaterality in (Lesser, Rosen, Kinne), 234
of pancreas, unresectable, surgical management of (Sarr and Cameron), 123
renal cell, transplantation in patients with: Long-term results and clinical considerations (Spees et al), 282
Cardiac allograft survival in rats, effect of cyclosporin A and blood transfusions on (Niessen et al), 339
Carnosine, histidine, and wound healing (Fitzpatrick and Fisher), 56
Caroli's disease, transhepatic decompression of biliary tree in (Witlin et al), 205
Carotid arteriography, are noninvasive tests sufficiently accurate to identify patients in need of? (Sumner, Russell, Miles), 700
endarterectomy, bilateral and unilateral, comparison of results of, five years after surgery (Riles et al), 258
CAT scans of inflammatory aneurysms: New technique for preoperative diagnosis (Ramirez et al), 390
Catheter(s), balloon embolectomy, in small arteries. II. Comparison of fluid-filled and gas-filled balloons (Dobrin), 671
balloon, intermittent ileostomy occlusion for fecal storage using (Sanada, Fondalsrud, Kojima), 459
dilatation, balloon, efficacy of, for lower extremity atherosclerosis (Glover et al), 560
Catheter(s), cont'd.
hemodialysis, percutaneous subclavian vein—Impact on vascular access surgery (Dorner et al), 712
Hickman, percutaneous subclavian vein placement of (Kirkemo and Johnston), 349
localization of intrahepatic abscesses, ultrasound-guided—Aid in open surgical drainage (Yaremchuk, Kane, Cady), 482
sepsis, central venous, pathogenesis and predictability of (Bozzetti et al), 383
Catheterization, Swan-Ganz, fatal pulmonary hemorrhage complicating (Hart et al), 24
umbilical artery, revascularization for bilateral renal artery occlusion after (Burdick et al), 650
Cellulose, oxidized, and microfibrillar collagen, effects of, on infection (Scher and Coil), 301
Cholecystokinin, increased release of, after pancreatic duct ligation (Inoue et al), 467
Cimetidine and renal allograft survival (Niessen, Obertop, Kort), 116; Reply (Toledo-Pereyra), 116
Clamping, trial, before division of left renal vein (Lord), 409
Clerkship, surgery, multisite comparison of student activities in (Calhoun et al), 622
Closure, primary, of gastroschisis, ventilatory support and (Bower et al), 52
Collagen, microfibrillar, and oxidized cellulose, effects of, on infection (Scher and Coil), 301
Colloid therapy for patients in traumatic shock (Hauser and Shoemaker), 119; Reply (Moss and Lowe), 605
Colonic neoplasia, dimethylhydrazine-induced: Dissociation from endogenous gastrin levels (Oscarson et al), 525
Computerized tomography following abdominal aortic surgery (Brown et al), 716
Counterpulsation device, intra-aortic balloon, long-term follow-up of limbs after use of (Felix, Barsamian, Silverman), 183
Cricothyroidotomy, subglottic stenosis after (Brantigan and Grow), 217
Crohn's disease: Are enteroenteral fistulas an indication for surgery? (Broe, Bayless, Cameron), 249
Cyclosporin A and blood transfusions, effect of, on cardiac allograft survival in rats (Niessen et al), 339
Cytosol fraction, liver, use of, in treatment of acute liver failure (Makowka et al), 120

D

Dehepatization and body temperature in pigs (letter) (Bernuau, Peignoux, Benhamou), 607; Reply (Mazziotti, Cavallari, Bernardi), 608
Diabetes mellitus, risk associated with, in patients undergoing gallbladder surgery (Walsh et al), 254
Dimethylhydrazine-induced colonic neoplasia: Dissociation from endogenous gastrin levels (Oscarson et al), 525
Doppler ultrasonography, noninvasive, determination of hemodynamic significance of iliac artery stenosis by (Archie and Feldtman), 419
Drill-needle biopsy versus fine-needle aspiration of thyroid nodules: Controlled clinical trial (Boey et al), 611
Duodenoscopic sphincterotomy for removal of bile duct stones in patients with gallbladders (Cotton and Vallon), 628

E

Embolectomy catheters, balloon, in small arteries. II. Comparison of fluid-filled and gas-filled balloons (Dobrin), 671
Embolism, arterial—Persisting problem (editorial) (Catchpole and Taylor), 245
fatal postoperative pulmonary, prophylaxis against (Terblanche, Benatar, Immelman), 534
pulmonary, circulating negative inotropic agent(s) following (Utsunomiya et al), 402
Endarterectomy, bilateral and unilateral carotid, comparison of results of, five years after surgery (Riles et al), 258
Endorectal pull-through operation (letter) (Kosloske and Goldthorn), 248
Endoscopic sclerotherapy versus esophageal transection in Child's class C patients with variceal hemorrhage: Comparison with results of portacaval shunt (Cello, Crass, Trunkey), 333

Endothelial cells, enzymatically derived and cultured canine, expanded polytetrafluoroethylene vascular prostheses seeded with (Graham et al), 550
Enteroenteral fistulas, as indication for surgery in Crohn's disease (Broe, Bayless, Cameron), 249
Enterostomy, Mikulicz, in infants and children, reappraisal of (Rosenman and Kosloske), 34
Escherichia coli sepsis, live, naloxone reverses tissue effects of (Rees, Payne, Bower), 81
Esophageal carcinoma, substernal gastric bypass for palliation of: Rationale and technique (Robinson et al), 305
transection versus endoscopic sclerotherapy in Child's class C patients with variceal hemorrhage: Comparison with results of portacaval shunt (Cello, Crass, Trunkey), 333
Esophagitis, scleroderma reflux (letter) (Silber), 606; Reply (Orringer), 606
Extremity sarcoma clinical trials, quality of life assessment of patients in (Sugarbaker et al), 17

F

Fasciitis, necrotizing, of perineum (Changyul, Lee, Jacobson), 49
Fecal storage, intermittent ileostomy occlusion for, using balloon catheter (Sanada, Fonkalsrud, Kojima), 459
Femoral neuropathy and psoas weakness: Neglected signs of retroperitoneal hemorrhage from ruptured aneurysm (Owens), 363
shunts, infected, procedure for (letter) (Thomas), 115; Reply (Currier et al), 115
Femoropopliteal grafting, autogenous reversed saphenous vein, failure of: Pathophysiology and prevention (LiCalzi and Stansel), 352
vein grafts, prediction of long-term patency of: Closure index (LiCalzi and Stansel), 413
Fibrosis, retroperitoneal, surgical treatment of, with omentoplasty (Carini et al), 137
Fine-needle aspiration versus drill-needle biopsy of thyroid nodules: Controlled clinical trial (Boey et al), 611
Fistulas, aortoenteric, mycotic aortic pseudoaneurysm with, caused by *Arizona hinshawii* (McIntyre et al), 173
enteroenteral, as indication for surgery in Crohn's disease (Broe, Bayless, Cameron), 249
Foreign bodies, tracheobronchial, dual approach to, in children (Campbell, Cotton, Lilly), 178

G

Gallbladder(s), duodenoscopic sphincterotomy for removal of bile duct stones in patients with (Cotton and Vallon), 628
surgery, risk associated with diabetes mellitus in patients undergoing (Walsh et al), 254
Gastrectomies, Billroth I and Billroth II, patients with, serum pancreatic polypeptide responses to food and secretin in, and in normal subjects (Lamers, Diemel, Jansen), 288
Gastric mucosal folds, role of, in formation of focal ulcers in rat (Mersereau and Hinchey), 150
mucosal rugae, functional difference between ridges and valleys in (editorial) (Larsen and Moody), 243
Gastrin, antral, release of, in response to intestinal meal in dogs (Ayalon et al), 399
levels, endogenous, dissociation from: Dimethylhydrazine-induced colonic neoplasia (Oscarson et al), 525
Gastrointestinal tract, congenital asplenia and anomalies of (Mishalany, Mahnovski, Woolley), 38
Gentamicin, increased burn patient survival with individualized dosages of (Zaske et al), 142
Graft(s), autogenous vein, as conduit for nerve regeneration (Chiu et al), 226
failure, atheroembolism as cause of (Wilde), 488; Reply (Flinn, Yao, Bergan), 488
femoropopliteal vein, prediction of long-term patency of: Closure index (LiCalzi and Stansel), 413
human umbilical vein, aneurysm formation in (Giordano and Keshishian), 343
infection, prosthetic, radiolabeled leukocytes in (letter) (Goldman et al), 728
infrapopliteal bypass: Use of upper limb vein alone and in autogenous composite grafts (Graham and Lusby), 646
vein and prosthetic bypass, to isolated popliteal artery, comparative analysis of (Corson et al), 448

H

Heart and great vessels, blunt trauma to (Gay), 507
Hemodialysis, percutaneous subclavian vein catheter—Impact on vascular access surgery (Dorner et al), 712
Hemoglobin, reduced, as inhibitor of human polymorphonuclear leukocyte bacterial killing (Welch, Rose, Carlson), 75
Hemorrhage, fatal pulmonary, complicating Swan-Ganz catheterization (Hart et al), 24
Hickman catheter, percutaneous subclavian vein placement of (Kirkemo and Johnston), 349
Histamine synthesis, imidazole dipeptides, and wound healing (Fitzpatrick and Fisher), 430
Histidine, carnosine, and wound healing (Fitzpatrick and Fisher), 56
Hyperparathyroidism, assessment of techniques for preoperative parathyroid gland localization in patients undergoing reoperation for (Brennan et al), 6
primary, caused by multiple-gland disease, reoperative parathyroid surgery for: Total parathyroidectomy and autotransplantation with cryopreserved tissue (Saxe and Brennan), 616
Hypertension, portal, hepatic infarction, and liver failure complicating pancreatic islet autotransplantation (Walsh, Eggleston, Cameron), 485
Hyperthermia, systemic, effects of, on growth patterns of experimental neoplasms (Bland et al), 452
Hypomagnesemia, clinical importance of: Clinical review (Juan), 510

I

Ileal reservoir, proximal, ileoanal anastomosis with: Experimental study (Schraut and Block), 275
Ileoanal anastomosis with proximal ileal reservoir: Experimental study (Schraut and Block), 275
Ileostomy occlusion, intermittent, for fecal storage using balloon catheter (Sanada, Fonkalsrud, Kojima), 459
Iliac artery stenosis, determination of hemodynamic significance of, by noninvasive Doppler ultrasonography (Archie and Feldtman), 419
Imidazole dipeptides, histamine synthesis, and wound healing (Fitzpatrick and Fisher), 430
Impotence, vasculogenic, surgical correction of, in patient after bilateral renal transplantation (Billet, Dagher, Queral), 108
Infarction, hepatic, portal hypertension, and liver failure complicating pancreatic islet autotransplantation (Walsh, Eggleston, Cameron), 485
Infection, effects of oxidized cellulose and microfibrillar collagen on (Scher and Coil), 301
prosthetic graft, radiolabeled leukocytes in (letter) (Goldman et al), 728
rates, surgical wound, reduction of, in contaminated wounds treated with antiseptics combined with systemic antibiotics: Experimental study (Galland et al), 329
suture resistance to (Sharp, et al), 61
Infrapopliteal bypass grafting: Use of upper limb vein alone and in autogenous composite grafts (Graham and Lusby), 646
Inotropic agent(s), circulating negative, following pulmonary embolism (Utsunomiya et al), 402
Intrahepatic abscess as complication of long-term percutaneous internal biliary drainage (Pennington, Kaufman, Cameron), 642
Intramural pH and ulceration of rabbit antral mucosa, effects of sodium salicylate and acetylsalicylic acid on (Fromm and Kolis), 438
Intrasplenic pancreatic autografts, endocrine and exocrine function of (Hadji-Georgopoulos et al), 210
Ischemia, role of, in acute pancreatitis: Studies with isolated perfused canine pancreas (Broe, Zuidema, Cameron), 377
severe lower extremity, differential patency and limb salvage for polytetrafluoroethylene and autogenous saphenous vein in (Yeager et al), 99
Ischemic rat liver mitochondrial functions and liver viability, preservation of, with CoQ_{10} (Marubayashi et al), 631

J

Jejunostomy, percutaneous, reestablishment of (Sacks et al), 241

K

Kidney size and outcome of reconstruction (Lawrie), 118

Knee, vascular injuries near: Updated series and overview of problem (Snyder), 502
Kountz, Samuel Lee (Organ), 609

L

Lavage, diagnostic peritoneal, significance of repeating (Alyono and Perry), 656
Leukocyte(s) bacterial killing, human polymorphonuclear, reduced hemoglobin as inhibitor of (Welch, Rose, Carlson), 75
radiolabeled, in prosthetic graft infection (letter) (Goldman et al), 728
Limb(s), lower, superficial thrombophlebitis of (Husni and Williams), 70
salvage and differential patency for polytetrafluoroethylene and autogenous saphenous vein in severe lower extremity ischemia (Yeager et al), 99
Liver abscess, amebic, amebic peritonitis secondary to (Eggleston, Handa, Verghese), 46
cytosol fraction, use of, in treatment of acute liver failure (Makowka et al), 120
failure, acute, use of liver cytosol fraction in treatment of (Makowka et al), 120
portal hypertension, and hepatic infarction complicating pancreatic islet autotransplantation (Walsh, Eggleston, Cameron), 485
viability and ischemic rat liver mitochondrial function, preservation of, with CoQ_{10} (Marubayashi et al), 631

M

Metabolism, amino acid, in patients with severe burns (Snelling et al), 474
Midwestern Vascular Surgical Society presidential address: Stroke—Perspective (Cranley), 537
Mikulicz enterostomy in infants and children, reappraisal of (Rosenman and Kosloske), 34
Minisymposium: Special problems in vascular trauma. Introduction (Perry), 489
Mucosal folds, gastric, role of, in formation of focal ulcers in rat (Mersereau and Hinchey), 150
rugae, gastric, functional difference between ridges and valleys in (editorial) (Larsen and Moody), 243
Multiple-gland disease, reoperative parathyroid surgery for primary hyperparathyroidism caused by: Total parathyroidectomy and autotransplantation with cryopreserved tissue (Saxe and Brennan), 616
Mycotic aortic pseudoaneurysm with aortoenteric fistula caused by *Arizona hinshawii* (McIntyre et al), 173
Myocardial ATPase activity, depression of, by plasma obtained during positive end-expiratory pressure (Utsunomiya et al), 322
rupture caused by trauma (editorial) (Dow), 246

N

Naloxone reverses tissue effects of live *Escherichia coli* sepsis (Rees, Payne, Bower), 81
Neomucosa, small bowel, use of vascularized abdominal wall pedicle flaps to grow (Lillemoe et al), 293
Neoplasia, colonic, dimethylhydrazine-induced: Dissociation from endogenous gastrin levels (Oscarson et al), 525
Neoplasms, experimental, effects of systemic hyperthermia on growth patterns of (Bland et al), 452
Nerve regeneration, autogenous vein graft as conduit for (Chiu et al), 226
Neuropathy, femoral, and psoas weakness: Neglected signs of retroperitoneal hemorrhage from ruptured aneurysm (Owens), 363
Nodules, thyroid, fine-needle aspiration versus drill-needle biopsy of: Controlled clinical trial (Boey et al), 611
Nutritional support, serum albumin levels as index of (Starker et al), 194

O

Obesity, morbid, nonsurgical factors important to success of surgery for (editorial) (Buckwalter), 113
Occlusion, bilateral renal artery, revascularization for, after umbilical artery catheterization (Burdick et al), 650
early posttransplant renal, successful revascularization of (Melzer et al), 168
intermittent ileostomy, for fecal storage using balloon catheter (Sanada, Fonkalsrud, Kojima), 459
Occlusive disease, arterial: Function of vessel bifurcation angle (Sharp et al), 680
peripheral arterial, and health, transcutaneous Po_2 measurements in (Franzeck et al), 156
Ochsner, Alton (Zuidema and Ballinger), 1; (DeBakey), 3
Omental pouch, protection against pneumococcal sepsis in splenectomized rats by implantation of splenic tissue into (Patel et al), 638
Omentoplasty, surgical treatment of retroperitoneal fibrosis with (Carini et al), 137

P

Pancreatic autografts, intrasplenic, endocrine and exocrine function of (Hadji-Georgopoulos et al), 210
duct ligation, increased release of cholecystokinin after (Inoue et al), 467
islet autotransplantation, portal hypertension, hepatic infarction, and liver failure complicating (Walsh, Eggleston, Cameron), 485
polypeptide responses, serum, to food and secretin in patients with Billroth I and Billroth II gastrectomies and in normal subjects (Lamers, Diemel, Jansen), 288
Pancreatitis, acute, role of ischemia in: Studies with isolated perfused canine pancreas (Broe, Zuidema, Cameron), 377
Parathyroid gland localization, preoperative, assessment of techniques for, in patients undergoing reoperation for hyperparathyroidism (Brennan et al), 6
surgery, reoperative, for primary hyperparathyroidism caused by multiple-gland disease: Total parathyroidectomy and autotransplantation with cryopreserved tissue (Saxe and Brennan), 616
Parathyroidectomy, total, and autotransplantation with cryopreserved tissue: Reoperative parathyroid surgery for primary hyperparathyroidism caused by multiple-gland disease (Saxe and Brennan), 616
Pedicle flaps, vascularized abdominal wall, use of, to grow small bowel neomucosa (Lillemoe et al), 293
Pelvic suction-irrigation, value of, in reducing morbidity of low anterior resection of rectum—Ten-year experience (Gingold and Jagelman), 394
Penicillin treatment in pneumococcal sepsis in splenectomized rats, effect of steroids on outcome of (Gullstrand, Alwmark, Schalén), 222
Perineum, necrotizing fasciitis of (Changyul, Lee, Jacobson), 49
Peripheral vascular disease, critical evaluation of stress testing in diagnosis of (Ouriel et al), 686
Peritoneal lavage, diagnostic, significance of repeating (Alyono and Perry), 656
Peritoneovenous shunt, "bedside" (Silberman), 669
Peritonitis, amebic, secondary to amebic liver abscess (Eggleston, Handa, Verghese), 46
Peroneal and tibial artery anastomosis (Lamberth), 660
Pheochromocytoma: Current status and changing trends (van Heerden et al), 367
Phleborheography—Results of ten-year experience (Comerota et al), 573
Plasma obtained during positive end-expiratory pressure, depression of myocardial ATPase activity by (Utsunomiya et al), 322
Pneumococcal sepsis in splenectomized rats, effect of steroids on outcome of penicillin treatment in (Gullstrand, Alwmark, Schalen), 222
protection against, by implantation of splenic tissue into omental pouch (Patel et al), 638
Po_2 measurements, transcutaneous, in health and peripheral arterial occlusive disease (Franzeck et al), 156
Polypeptide responses, serum pancreatic, to food and secretin in patients with Billroth I and Billroth II gastrectomies and in normal subjects (Lamers, Diemel, Jansen), 288
Polytetrafluoroethylene and autogenous saphenous vein, differential patency and limb salvage for, in severe lower extremity ischemia (Yeager et al), 99
vascular prostheses, expanded, seeded with enzymatically derived and cultured canine endothelial cells (Graham et al), 550
Popliteal artery, isolated, comparative analysis of vein and prosthetic bypass grafts to (Corson et al), 448

Portacaval shunt, comparison with results of: Endoscopic sclerotherapy versus esophageal transection in Child's class C patients with variceal hemorrhage (Cello, Crass, Trunkey), 333
Presidential address: Stroke—Perspective (Cranley), 537
Prostheses, expanded polytetrafluoroethylene vascular, seeded with enzymatically derived and cultured canine endothelial cells (Graham et al), 550
Prosthetic graft infection, radiolabeled leukocytes in (letter) (Goldman et al), 728
and vein bypass grafts to isolated popliteal artery, comparative analysis of (Corson et al), 448
Pseudoaneurysm, mycotic aortic, with aortoenteric fistula caused by *Arizona hinshawii* (McIntyre et al), 173
Pseudointima, vascular prosthetic, antithrombotic nature of (Clagett et al), 87
Psoas weakness and femoral neuropathy: Neglected signs of retroperitoneal hemorrhage from ruptured aneurysm (Owens), 363
Pulmonary embolism, circulating negative inotropic agent(s) following (Utsunomiya et al), 402
fatal postoperative, prophylaxis against (Terblanche, Benatar, Immelman), 534
hemorrhage, fatal, complicating Swan-Ganz catheterization (Hart et al), 24
Purpura, idiopathic thrombocytopenic, accessory splenectomy for (Wallace, Fromm, Thomas), 134

R

Radioiodine total body scan versus serum thyroglobulin levels in follow-up of patients with thyroid cancer (Colacchio et al), 42
Radiolabeled leukocytes in prosthetic graft infection (letter) (Goldman et al), 728
Rectum, low anterior resection of, value of pelvic suction-irrigation in reducing morbidity of—Ten-year experience (Gingold and Jagelman), 394
Reflux, gastroesophageal, in severely retarded who vomit: Criteria for and results of surgical intervention in twenty-two patients (Byrne et al), 95
Renal allograft survival and cimetidine (letter) (Niessen, Obertop, Kort), 116; Reply (Toledo-Pereyra), 116
artery occlusion, bilateral, revascularization for, after umbilical artery catheterization (Burdick et al), 650
early posttransplant, successful revascularization of (Melzer et al), 168
cell carcinoma, transplantation in patients with history of: Long-term results and clinical considerations (Spees et al), 282
transplantation, aortoiliac reconstruction following (Gibbons et al), 435
bilateral, surgical correction of vasculogenic impotence in patient after (Billet, Dagher, Queral), 108
vein, left, trial clamping before division of (Lord), 409
Resection of rectum, low anterior, value of pelvic suction-irrigation in reducing morbidity of—Ten-year experience (Gingold and Jagelman), 394
Retarded, severely, who vomit, gastroesophageal reflux in: Criteria for and results of surgical intervention in twenty-two patients (Byrne et al), 95
Retroperitoneal fibrosis, surgical treatment of, with omentoplasty (Carini et al), 137
Revascularization for bilateral renal artery occlusion after umbilical artery catheterization (Burdick et al), 650
repetitive distal, results of (Flinn et al), 566
successful, of early posttransplant renal arterial occlusion (Melzer et al), 168
Rugae, gastric mucosal, functional difference between ridges and valleys in (editorial) (Larsen and Moody), 243

S

Salicylate, sodium, and acetylsalicylic acid, effects of, on intramural pH and ulceration of rabbit antral mucosa (Fromm and Kolis), 438
Saphenous vein femoropopliteal grafting, autogenous reversed, failure of: Pathophysiology and prevention (LiCalzi and Stansel), 352
Sarcoma, extremity, quality of life assessment of patients in clinical trials (Sugarbaker et al), 17
Schistosomiasis, chronic, prolonged skin allograft survival in (Aboul-Enein et al), 425
Scleroderma reflux esophagitis (letter) (Silber), 606; Reply (Orringer), 606
Sclerotherapy, endoscopic, versus esophageal transection in Child's class C patients with variceal hemorrhage: Comparison with results of portacaval shunt (Cello, Crass, Trunkey), 333
Secretin and food, serum pancreatic polypeptide responses to, in patients with Billroth I and Billroth II gastrectomies and in normal subjects (Lamers, Diemel, Jansen), 288
Sepsis, central venous catheter, pathogenesis and predictability of (Bozzetti et al), 383
live *Escherichia coli*, naloxone reverses tissue effects of (Rees, Payne, Bower), 81
pneumococcal, in splenectomized rats, effect of steroids on outcome of penicillin treatment in (Gullstrand, Alwmark, Schalén), 222
protection against, by implantation of splenic tissue into omental pouch (Patel et al), 638
Shock, traumatic, colloid therapy for patients in (letter) (Hauser and Shoemaker), 119; Reply (Moss and Lowe), 606
Shunt(s), "bedside" peritoneovenous (Silberman), 669
infected femoral, procedure for (letter) (Thomas), 115; Reply (Currier et al), 115
portacaval, comparison with results of: Endoscopic sclerotherapy versus esophageal transection in Child's class C patients with variceal hemorrhage (Cello, Crass, Trunkey), 333
Small bowel neomucosa, use of vascularized abdominal wall pedicle flaps to grow (Lillemoe et al), 293
Sodium salicylate and acetylsalicylic acid, effects of, on intramural pH and ulceration of rabbit antral mucosa (Fromm and Kolis), 438
Sphincterotomy, duodenoscopic, for removal of bile duct stones in patients with gallbladders (Cotton and Vallon), 628
Splenectomized rats, effect of steroids on outcome of penicillin treatment in pneumococcal sepsis in (Gullstrand, Alwmark, Schalén), 222
protection against pneumococcal sepsis in, by implantation of splenic tissue into omental pouch (Patel et al), 638
Splenectomy, accessory, for idiopathic thrombocytopenic purpura (Wallace, Fromm, Thomas), 134
ultrasonic partial (Hodgson and McElhinney), 346
Splenic artery aneurysms (Trastek et al), 694
complications of, other than intraperitoneal rupture (de Vries, Schattenkerk, Malt), 200
tissue, implantation of, into omental pouch, protection against pneumococcal sepsis in splenectomized rats by (Patel et al), 638
Stenosis, iliac artery, determination of hemodynamic significance of, by noninvasive Doppler ultrasonography (Archie and Feldtman), 419
subcritical, detection of, by Doppler spectrum analysis (Bendick and Glover), 707
subglottic, after cricothroidotomy (Brantigan and Grow), 217
Steroids, effect of, on outcome of penicillin treatment of pneumococcal sepsis in splenectomized rats (Gullstrand, Alwmark, Schalén), 222
Stress testing, critical evaluation of, in diagnosis of peripheral vascular disease (Ouriel et al), 686
Stroke—Perspective: Presidential address (Cranley), 537
Student activities in surgery clerkship, multisite comparison of (Calhoun et al), 622
Subclavian vein catheter hemodialysis, percutaneous—Impact on vascular access surgery (Dorner et al), 712
Subglottic stenosis after cricothyroidotomy (Brantigan and Grow), 217
Suction-irrigation, pelvic, value of, in reducing morbidity of low anterior resection of rectum—Ten-year experience (Gingold and Jagelman), 394
Supralevator abscess diagnosis and treatment (Goldenberg), 164
Surgery clerkship, multisite comparison of student activities in (Calhoun et al), 622
Suture resistance to infection (Sharp et al), 61

T

T tube dislocation, mechanism of, and its prevention (Ger, Duboys, Addei), 531
Thrombocytopenic purpura, idiopathic, accessory splenectomy for (Wallace, Fromm, Thomas), 134
Thrombophlebitis, superficial, of lower limbs (Husni and Williams), 70
Thrombosis, upper extremity deep venous, diagnosis of, using noninvasive technique (Sottiurai et al), 582
Thyroglobulin levels, serum, versus radioiodine total body scan in follow-up of patients with thyroid cancer (Colacchio et al), 42
Thyroid cancer, radioiodine total body scan versus serum thyroglobulin levels in follow-up of patients with (Colacchio et al), 42
  nodules, fine-needle aspiration versus drill-needle biopsy of: Controlled clinical trial (Boey et al), 611
Tibial and peroneal artery anastomosis (Lamberth), 660
Tomography, computerized, following abdominal aortic surgery (Brown et al), 716
Tracheobronchial foreign bodies in children, dual approach to (Campbell, Cotton, Lilly), 178
Transection, esophageal, versus endoscopic sclerotherapy in Child's class C patients with variceal hemorrhage: Comparison with results of portacaval shunt (Cello, Crass, Trunkey), 333
Transfusions, blood, and cyclosporin A, effect of, on cardiac allograft survival in rats (Niessen et al), 339
Transplant, vein valve (Taheri et al), 28
Transplantation, bilateral renal, surgical correction of vasculogenic impotence in patient after (Billet, Dagher, Queral), 108
  in patients with history of renal cell carcinoma: Long-term results and clinical considerations (Spees et al), 282
  renal, aortoiliac reconstruction following (Gibbons et al), 435
Trauma, blunt, to heart and great vessels (Gay), 507
  myocardial rupture caused by (editorial) (Dow), 246
  vascular, in rural population (Koivunen, Nichols, Silver), 723
  vascular, special problems in: Minisymposium. Introduction (Perry), 489
Traumatic shock, colloid therapy for patients in (letter) (Hauser and Shoemaker), 119; Reply (Moss and Lowe), 606

U

Ulceration and acid-base imbalance in cold restrained rat (Bushell and O'Brien), 318
  and intramural pH of rabbit antral mucosa, effects of sodium salicylate and acetylsalicylic acid on (Fromm and Kolis), 438
Ulcers, focal, in rat, role of gastric mucosal folds in formation of (Mersereau and Hinchey), 150
Ultrasonic indications to explore common bile duct (Lane and Coupland), 268
  partial splenectomy (Hodgson and McElhinney), 346
Ultrasonography, noninvasive Doppler, determination of hemodynamic significance of iliac artery stenosis by (Archie and Feldtman), 419
Ultrasound-guided catheter localization of intrahepatic abscesses—Aid in open surgical drainage (Yaremchuk, Kane, Cady), 482
Umbilical artery catheterization, revascularization for bilateral renal artery occlusion after (Burdick et al), 650
  vein grafts, human, aneurysm formation in (Giordano and Keshishian), 343

V

Valve, vein, transplant (Taheri et al), 28
Variceal hemorrhage, endoscopic sclerotherapy versus esophageal transection in Child's class C patients with: Comparison with results of portacaval shunt (Cello, Crass, Trunkey), 333
Vascular access surgery, impact on—Percutaneous subclavian vein catheter hemodialysis (Dorner et al), 712
  bypass procedures, failed, influence of, on conversion of below-knee to above-knee amputation levels (Dardik et al), 64
  disease, peripheral, critical evaluation of stress testing in diagnosis of (Ouriel et al), 686
  injuries near knee: Updated series and overview of problem (Snyder), 502
  prostheses, expanded polytetrafluoroethylene, seeded with enzymatically derived and cultured canine endothelial cells (Graham et al), 550
  trauma in rural population (Koivunen, Nichols, Silver), 723
    special problems in: Minisymposium. Introduction (Perry), 489
Vasculogenic impotence, surgical correction of, in patient after bilateral renal transplantation (Billet, Dagher, Queral), 108
Vein graft(s), autogenous, as conduit for nerve regeneration (Chiu et al), 226
    femoropopliteal, prediction of long-term patency of: Closure index (LiCalzi and Stansel), 413
  left renal, trial clamping before division of (Lord), 409
  and prosthetic bypass grafts to isolated popliteal artery, comparative analysis of (Corson et al), 448
  valve transplant (Taheri et al), 28
Venous function in chronic venous disease, noninvasive evaluation of (Mason and Giron), 132
  injuries, abdominal (Mattox), 497
  repair, primary, principles and indications for (Rich), 492
  thrombosis, upper extremity deep, diagnosis of, using noninvasive technique (Sottiurai et al), 582
Ventilatory support and primary closure of gastroschisis (Bower et al), 52
Vessels, great, and heart, blunt trauma to (Gay), 507

W

Wound healing, carnosine, and histidine (Fitzpatrick and Fisher), 56
    histamine synthesis, and imidazole dipeptides (Fitzpatrick and Fisher), 430
  infection rates, surgical, reduction of, in contaminated wounds treated with antiseptics combined with systemic antibiotics: Experimental study (Galland et al), 329